

O I P E 14970
P A T E N T & T R A D E M A R K O F F I C E
L E C 2 2 2 0 0 5

O I P E 14970
P A T E N T & T R A D E M A R K O F F I C E
D E C 2 2 2 0 0 5

ARC-14970-1

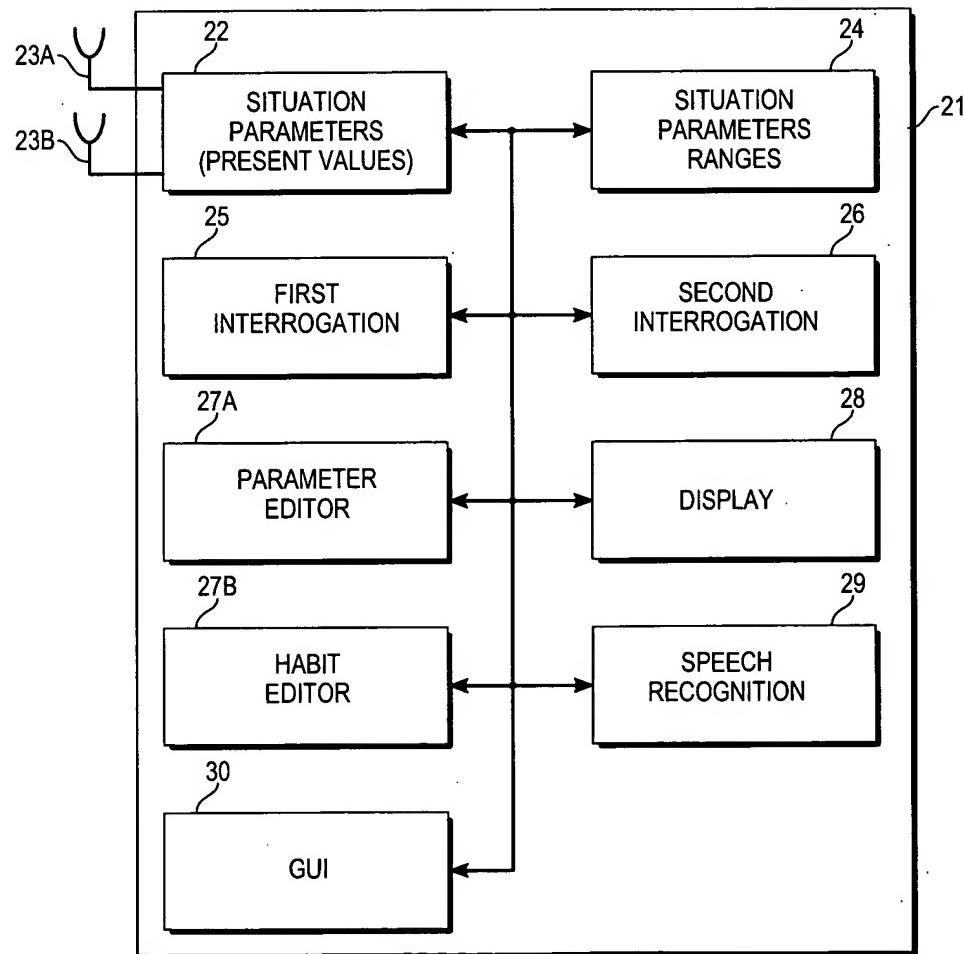
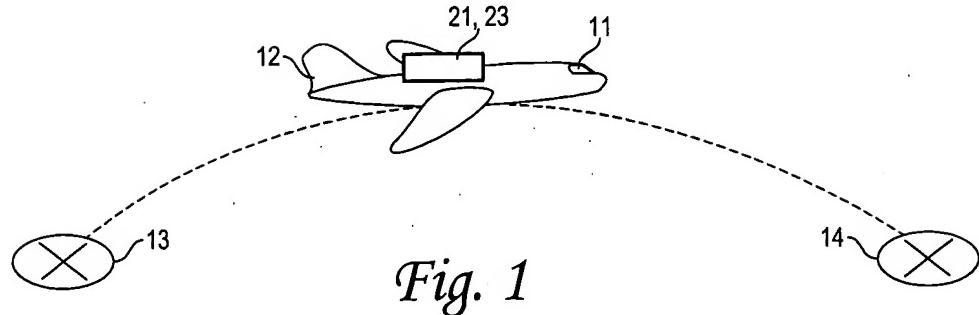


Fig. 2

ARC-14970-1

Fig. 3+

Pilot Preferences	
Updated Destination METAR	
VISIBILITY	Surface Winds
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude
Ceiling	Minimum Ceiling
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Possible Alternate
Alternate Destination	Suggest Runway
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm
Near Destination	
Close Temp - Dew Pt.	
VOLUNTEER <input type="checkbox"/>	More Adverse Winds Aloft (Kts)
Ceiling	More Favorable Winds Aloft (Kts)
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Maximum Crosswind
Updated Destination TAF	
WINDS	Updated Surface Winds
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude
Ceiling	Minimum Ceiling
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Possible Alternate
Alternate Destination	Suggest Runway
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm
Volunteer or Query for En-Route Information	
Updated En-Route METARS	
VISIBILITY	Altimeter Setting
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Difference Required Prior to Notification
Ceiling	Altimeter Setting (in Hg)
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Difference Required Prior to Notification
Updated En-Route TAFs	
WINDS	Winds Aloft
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude
Ceiling	Minimum Visibility
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude
TAF/METAR correlation	
WINDS	Minimum Ceiling
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude
Ceiling	Minimum Ceiling
VOLUNTEER <input type="checkbox"/>	<input type="checkbox"/> Verbal Message <input type="checkbox"/> Visual Message <input type="checkbox"/> Audio Alarm <input type="checkbox"/> Density Altitude

ARC-14970-1

+

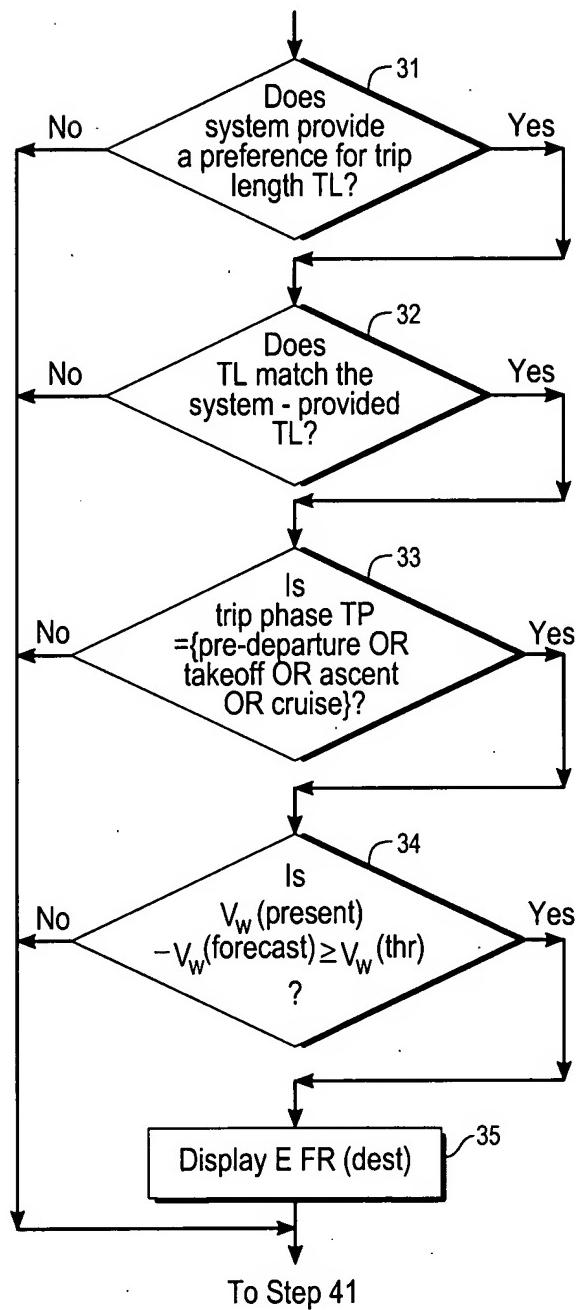


Fig. 4

+

ARC-14970-1

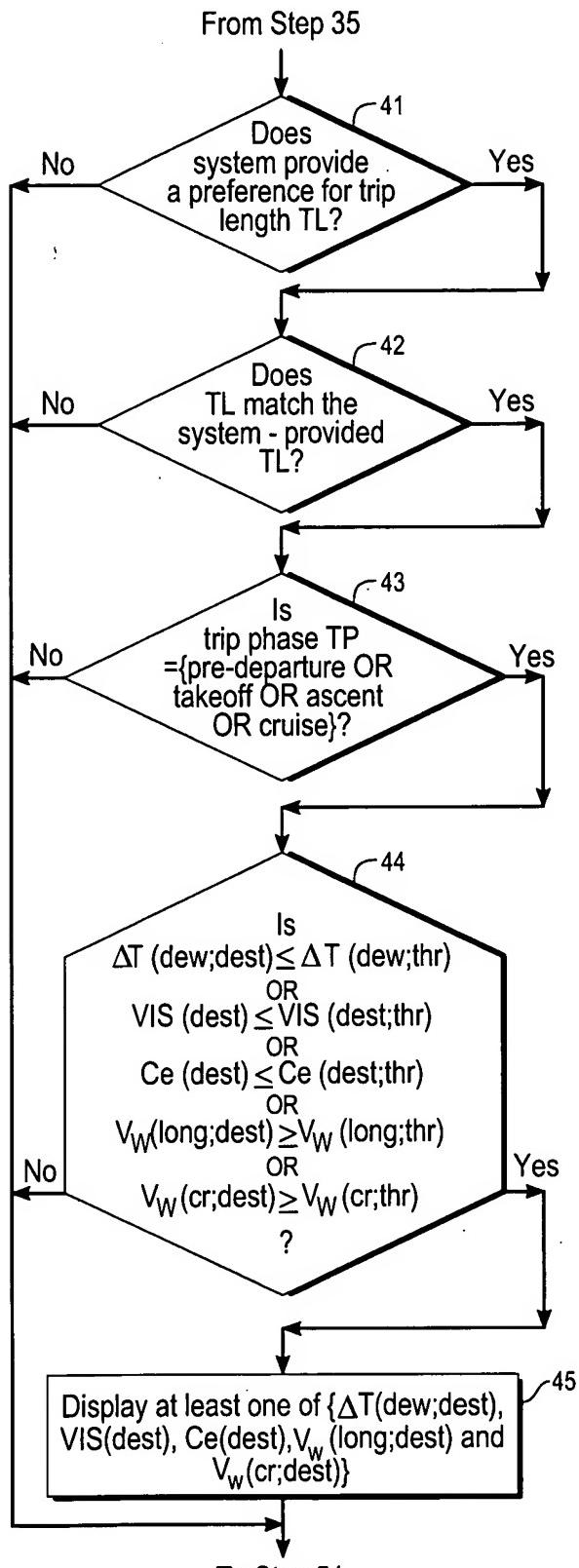


Fig. 5

ARC-14970-1

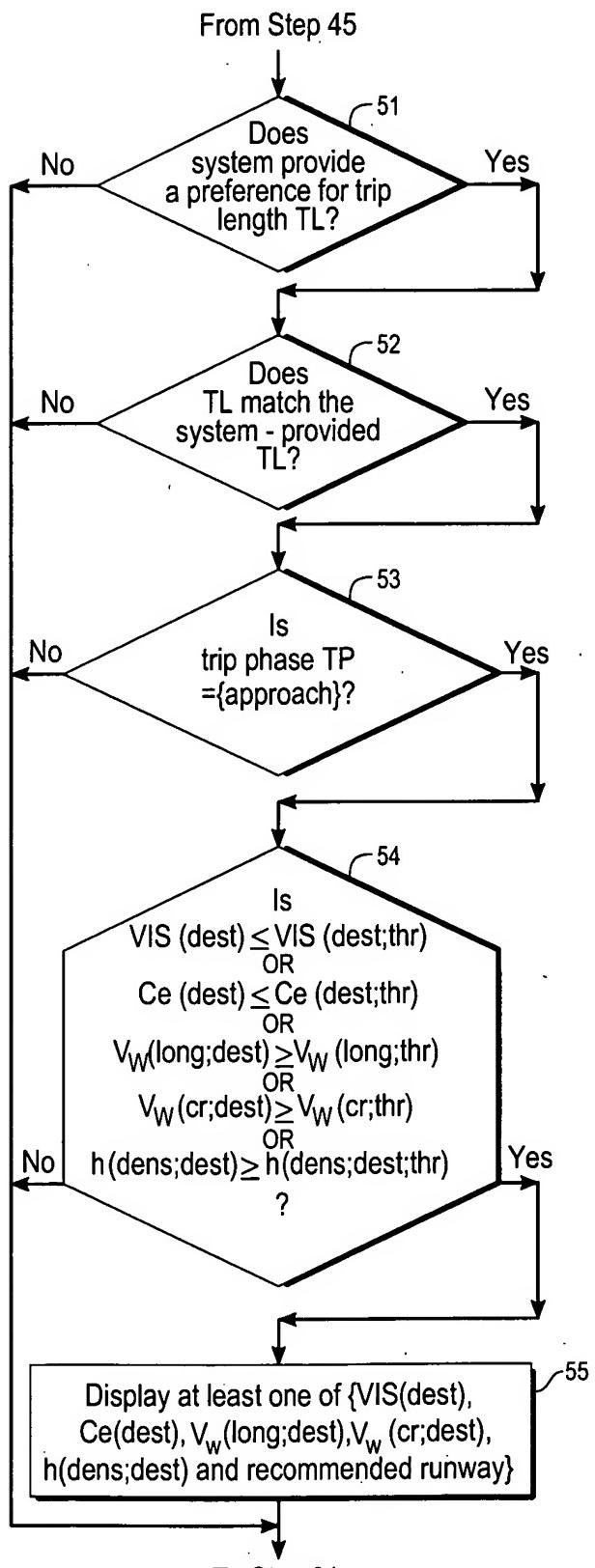


Fig. 6

To Step 61

ARC-14970-1

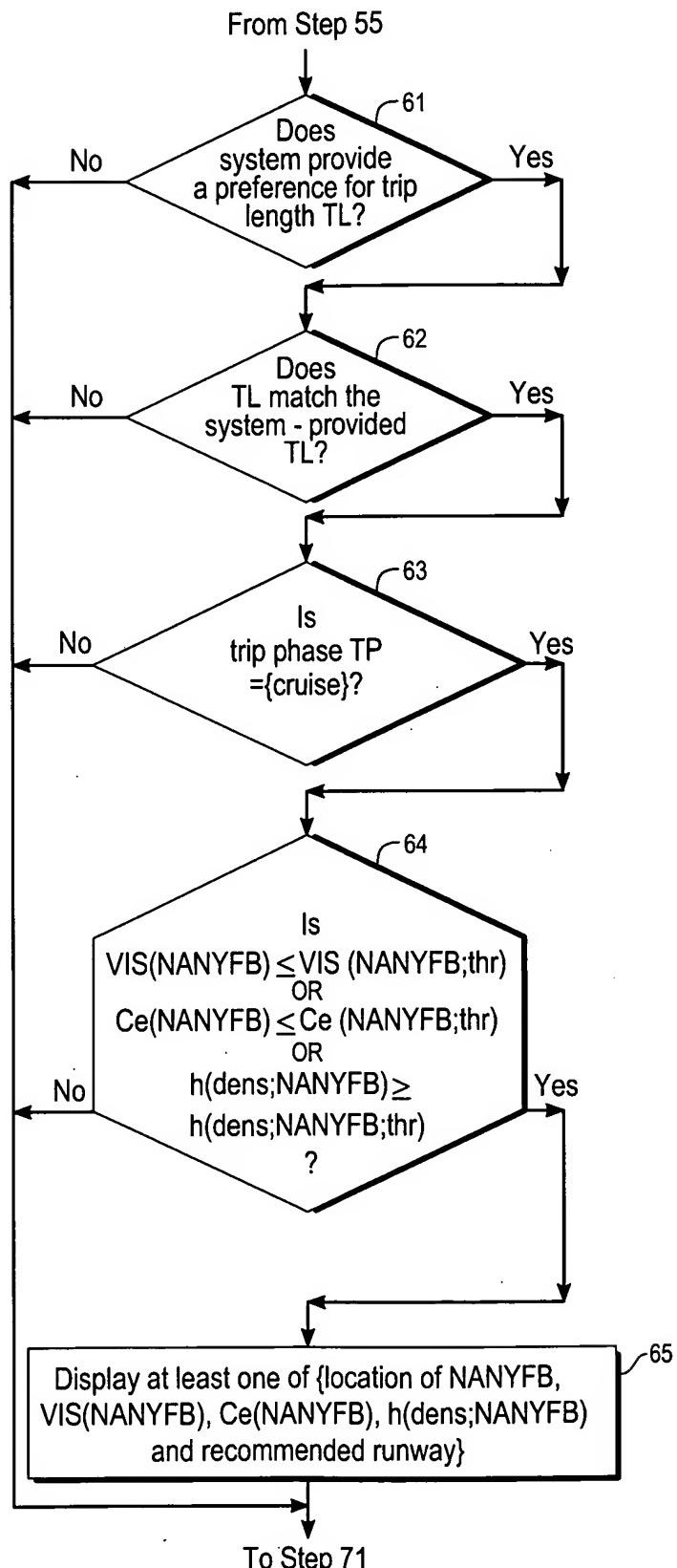


Fig. 7

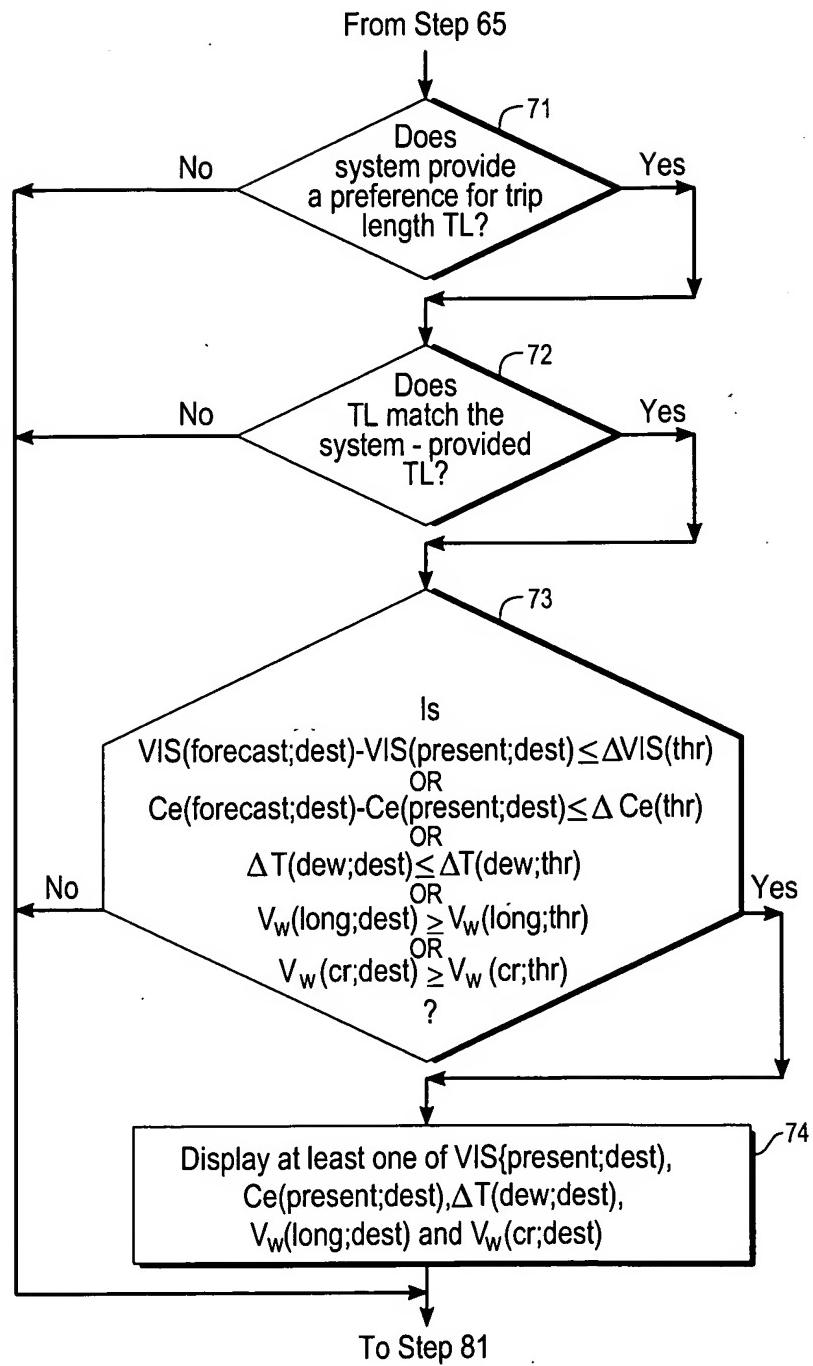


Fig. 8

ARC-14970-1

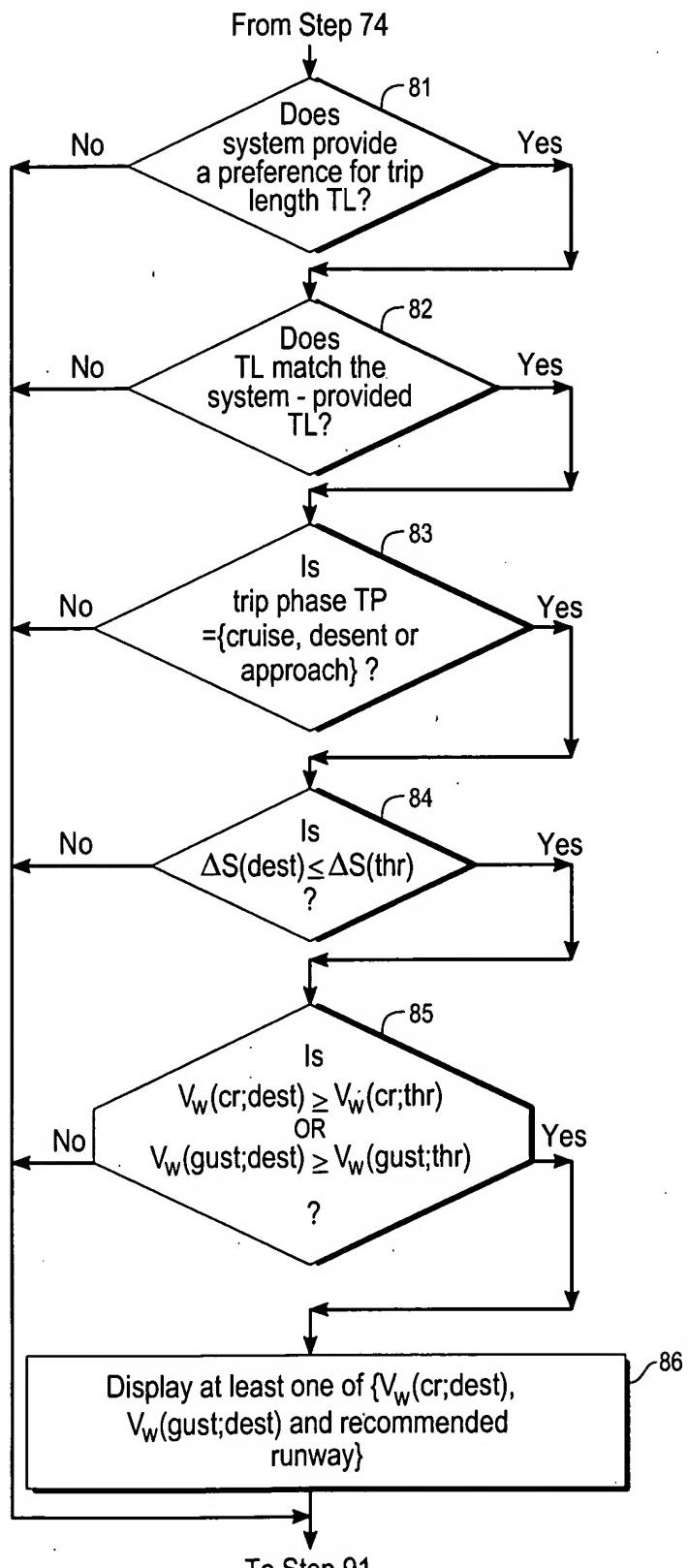


Fig. 9

ARC-14970-1

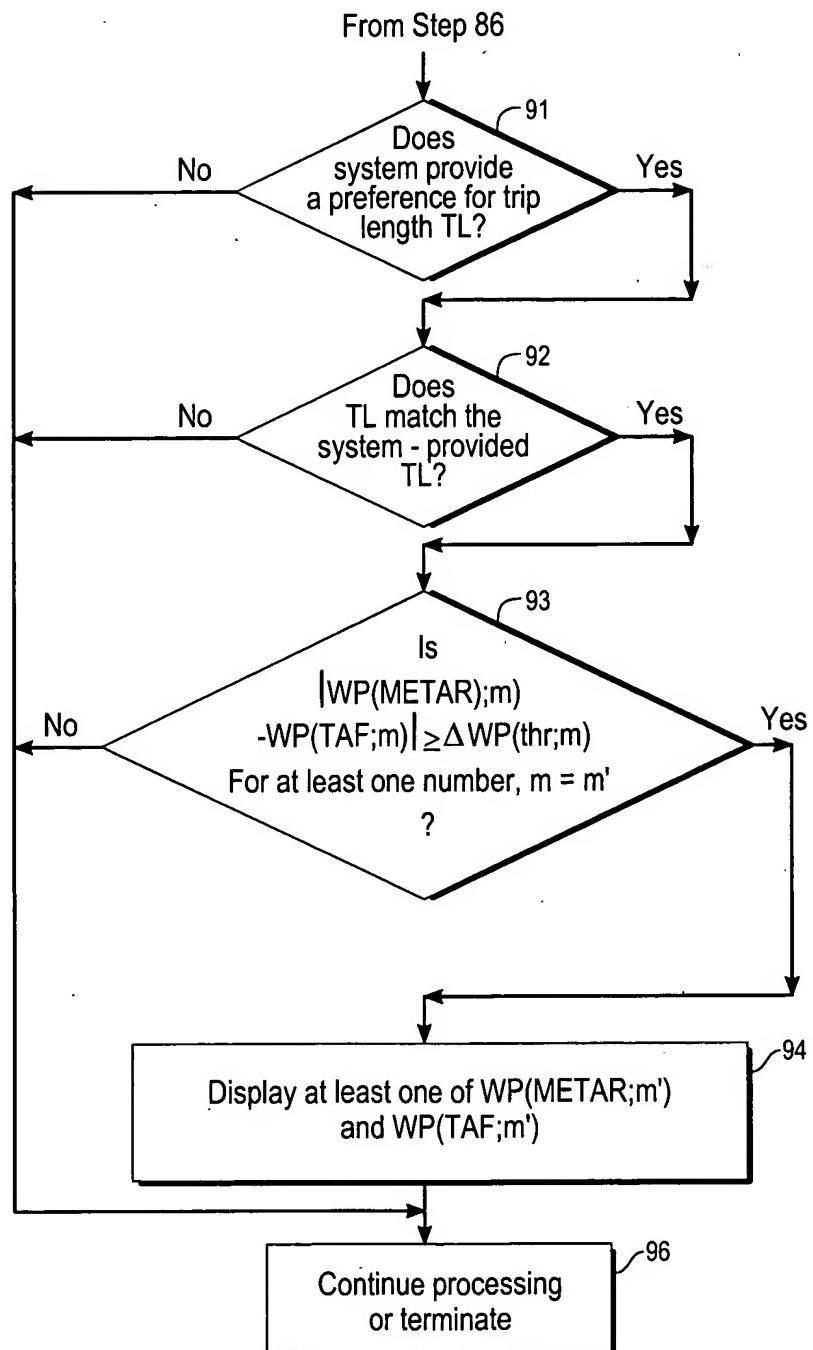


Fig. 10

ARC-14970-1

+

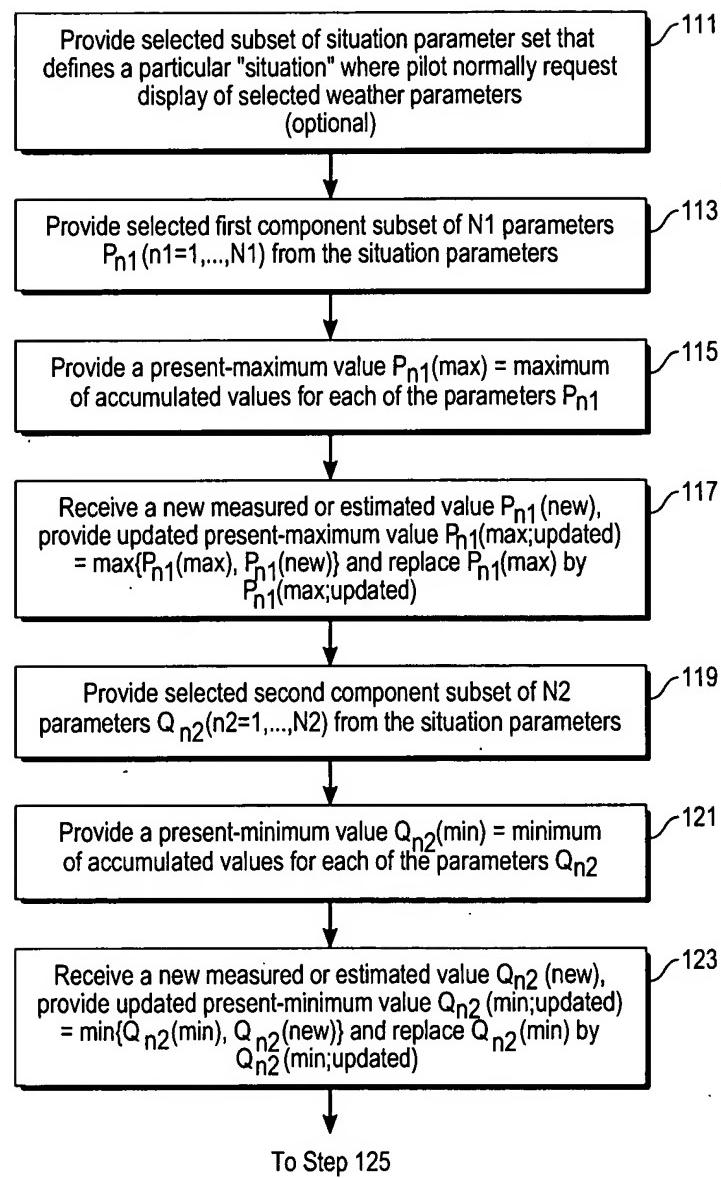


Fig. 11A

+

ARC-14970-1

+

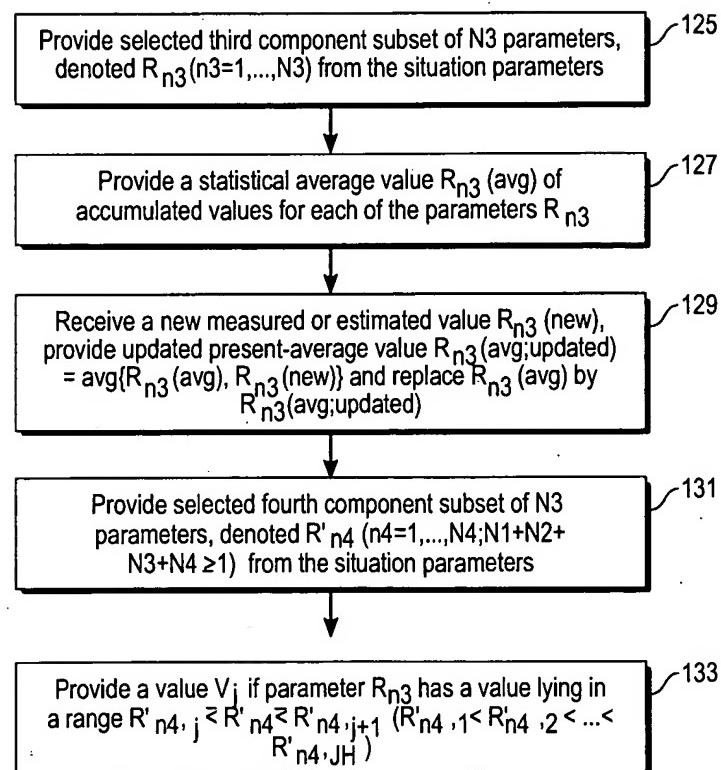


Fig. 11B

+